



***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

Applicant: William Vainchenker et al.  
Title: IDENTIFICATION OF A JAK2 MUTATION  
INVOLVED IN VAQUEZ POLYGLOBULIA  
Appl. No.: 10/580,458  
International Filing Date: 10/26/2005  
371(c) Date: 05/24/2006  
Examiner: Sheridan Swope  
Art Unit: 1652  
Confirmation Number: 1466

**RESPONSE TO RESTRICTION REQUIREMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the restriction requirement set forth in the Office Action mailed February 21, 2008, Applicant hereby provisionally elects Group I, claims 1-4, 8-9, 24-26, 28-31, and 42, for examination, with traverse.

**A Petition for Extension of Time for three months is being filed concurrently herewith, making the filing of this Response timely. The appropriate fee is also enclosed.**

Under 37 C.F.R. § 1.475, restriction is improper if the claims share a special technical feature that defines a contribution over the prior art. Here, the claims share as special technical feature the JAK2 V617F mutation, which defines a contribution over the prior art.

Applicants traverse because the Groups share a special technical feature in the JAK2 V617F mutation of a polynucleotide or the corresponding protein. All pending claims share